

WHAT IS CLAIMED IS:

- 1 1. A method of simulating a low-bandwidth connection over a higher-bandwidth
2 connection, said method comprising the steps of:
3 receiving data from a first device at a first predetermined speed; and
4 transferring the data to a second device over the high-bandwidth connection at a
5 second predetermined speed, which is less than the first predetermined speed and less
6 than the speed of the high-bandwidth connection.
- 1 2. The method as defined in claim 1, wherein in the transferring step, the data is
2 transferred over a high-bandwidth LAN.
- 1 3. The method as defined in claim 2, wherein the second predetermined speed is the
2 speed of a modem connection.
- 1 4. The method as defined in claim 1, further comprising the step of setting the
2 second predetermined speed.
- 1 5. The method as defined in claim 4, further comprising the step of changing the
2 second predetermined speed to a third predetermined speed, which is also less than the
3 first predetermined speed and less than the speed of the high-bandwidth connection.

1 6. The method as defined in claim 1, further comprising the steps of:
2 receiving second data from the first device at the first predetermined speed; and
3 transferring the second data to a third device over the high-bandwidth connection
4 at a third predetermined speed, which is different than the second predetermined speed,
5 less than the first predetermined speed, and less than the speed of the high-bandwidth
6 connection.

1 7. The method as defined in claim 1, further comprising the steps of:
2 receiving second data from the first device at the first predetermined speed; and
3 transferring the second data to a third device over the high-bandwidth connection
4 at the second predetermined speed.

1 8. The method as defined in claim 1, further comprising the steps of:
2 receiving second data from the first device at the first predetermined speed; and
3 transferring the second data to a third device over the high-bandwidth connection
4 at the speed of the high-bandwidth connection.

1 9. A machine-readable medium encoded with a program for simulating a low-
2 bandwidth connection over a higher-bandwidth connection, said program containing
3 instructions for performing the steps of:
4 receiving data from a first device at a first predetermined speed; and
5 transferring the data to a second device over the high-bandwidth connection at a
6 second predetermined speed, which is less than the first predetermined speed and less
7 than the speed of the high-bandwidth connection.

1 10. The machine-readable medium as defined in claim 9, wherein said program
2 further contains instructions for performing the step of setting the second predetermined
3 speed.

1 11. The machine-readable medium as defined in claim 10, wherein said program
2 further contains instructions for performing the step of changing the second
3 predetermined speed to a third predetermined speed, which is also less than the first
4 predetermined speed and less than the speed of the high-bandwidth connection.

1 12. The machine-readable medium as defined in claim 9, wherein said program
2 further contains instructions for performing the steps of:
3 receiving second data from the first device at the first predetermined speed; and
4 transferring the second data to a third device over the high-bandwidth connection
5 at a third predetermined speed, which is different than the second predetermined speed,
6 less than the first predetermined speed, and less than the speed of the high-bandwidth
7 connection.

1 13. The machine-readable medium as defined in claim 9, wherein said program
2 further contains instructions for performing the steps of:
3 receiving second data from the first device at the first predetermined speed; and
4 transferring the second data to a third device over the high-bandwidth connection
5 ~~at the second predetermined speed.~~

1 14. The machine-readable medium as defined in claim 9, wherein said program
2 further contains instructions for performing the steps of:
3 receiving second data from the first device at the first predetermined speed; and
4 transferring the second data to a third device over the high-bandwidth connection
5 at the speed of the high-bandwidth connection.

1 15. A computer system comprising:
2 a first device;
3 a second device; and
4 a speed control layer coupled between the first and second devices, the speed
5 control layer slowing data transfer from the first device to the second device over a
6 connection to a first predetermined speed that is less than the normal speed of the
7 connection.

1 16. The computer system as defined in claim 15, wherein the speed control layer
2 includes an interface that is used to set the first predetermined speed.

1 17. The computer system as defined in claim 15, further comprising:
2 a third device coupled to the speed control layer,
3 wherein the speed control layer also slows data transfer from the first device to the
4 third device to a second predetermined speed, which is different than the first
5 predetermined speed.

1 18. The computer system as defined in claim 15, further comprising:
2 a third device coupled to the speed control layer,
3 wherein the speed control layer also slows data transfer from the first device to the
4 third device to the first predetermined speed.

1 19. The computer system as defined in claim 15, further comprising:
2 a third device coupled to the speed control layer,
3 wherein the speed control layer does not slow data transfer from the first device to
4 the third device.

1 20. A proxy server for transferring data between a server and at least one client
2 computer, said proxy server comprising:
3 a first interface for transferring data with the server;
4 a second interface for transferring data with the client computer; and
5 speed control means for slowing data transfer to the client computer to a first
6 predetermined speed that is less than the normal speed of the second interface.

1 21. The proxy server as defined in claim 20, wherein the speed control means
2 includes an interface that is used to set the first predetermined speed.

1 22. The proxy server as defined in claim 20, further comprising:
2 a third interface for transferring data with a second client computer,
3 wherein the speed control means also slows data transfer to the second client
4 computer to a second predetermined speed, which is different than the first predetermined
speed and less than the normal speed of the third interface.

1 23. The proxy server as defined in claim 20, further comprising:
2 a third interface for transferring data with a second client computer,
3 wherein the speed control means also slows data transfer to the second client
4 computer to the first predetermined speed.

1 24. The proxy server as defined in claim 20, further comprising:
2 a third interface for transferring data with a second client computer,
3 wherein the speed control means does not slow data transfer to the third device.

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